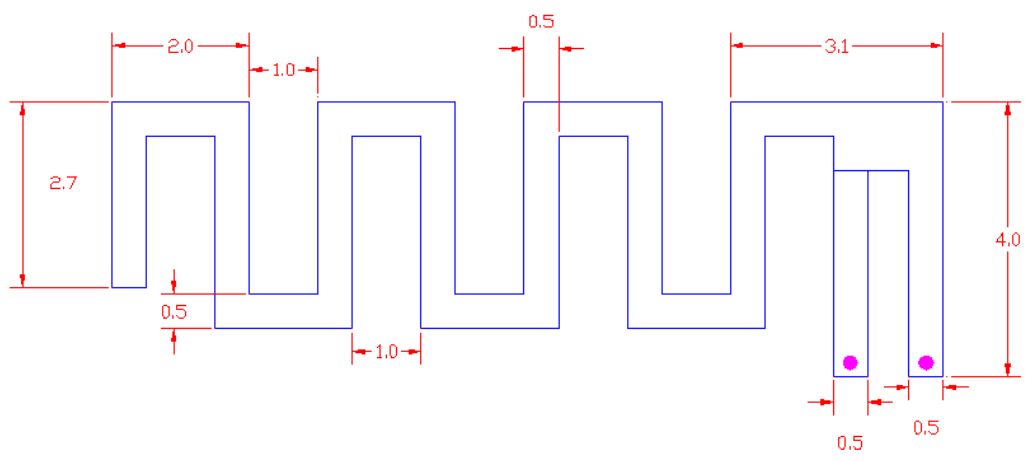


Antenna specification

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	-0.57dBi
Antenna Type	PCB
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Manufacture	Shenzhen ChuangYiTong Technology Co.,Ltd
Address	3rd Floor, Building E, King'ao Park, Dasan Village,Fucheng Street, Longhua District, Shenzhen



Unit:mm

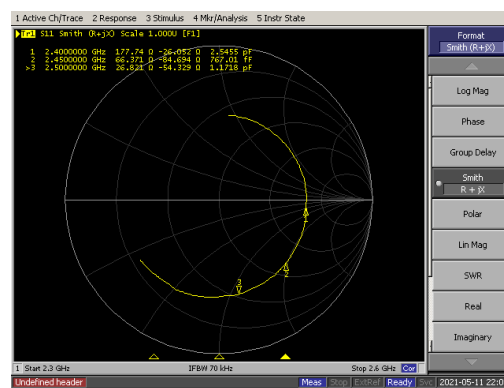
Mode:ANT-2. 4G/CY

Gain and Efficiency

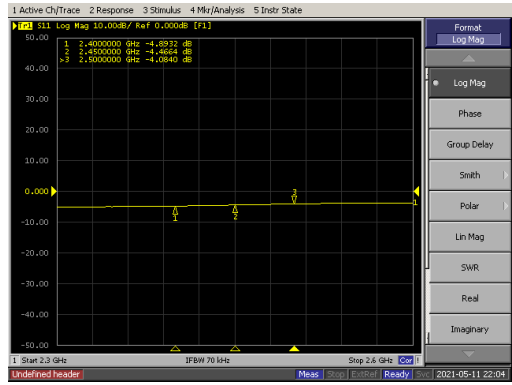
Frequency	E Total. dB(dBi)	Efficiency()
2400MHz	-0.57	22%
2410MHz	-1.06	20%
2420MHz	-1.08	20%
2430MHz	-0.94	21%
2440MHz	-1.15	21%
2450MHz	-1.47	20%
2460MHz	-1.48	20%
2470MHz	-1.32	21%
2480MHz	-1.40	21%
2490MHz	-1.31	21%
2500MHz	-1.28	22%

VSWR

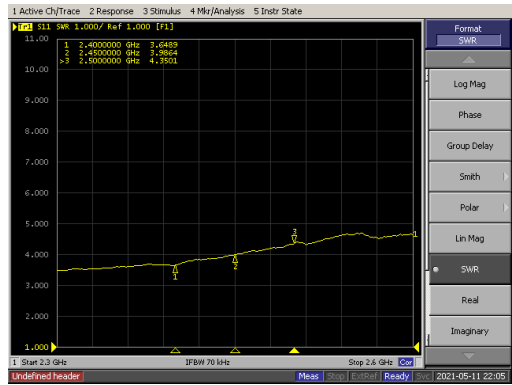
Frequency	RL (dB)	SMITH (Ω)	SWR
2400MHz	-4.89	177.74	3.65
2450MHz	-4.35	66.37	3.99
2500MHz	-4.08	26.82	4.35



SMITH

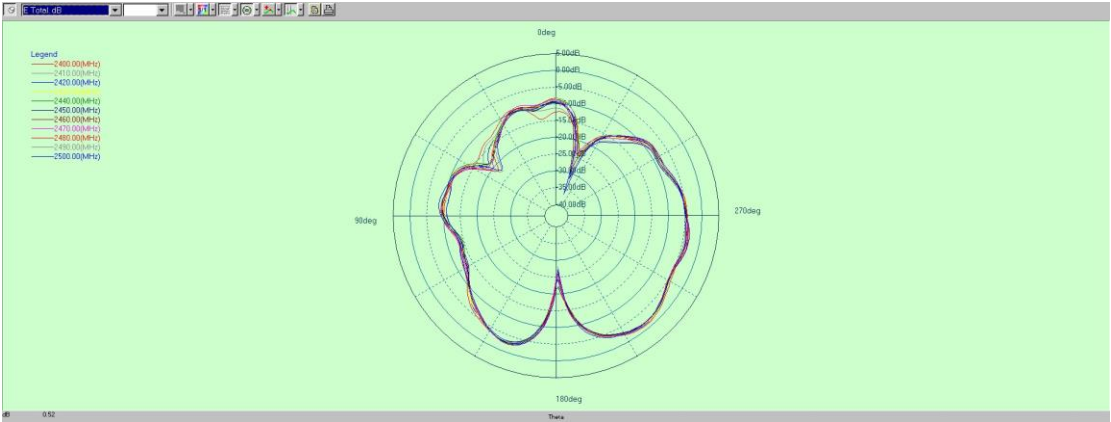


RL

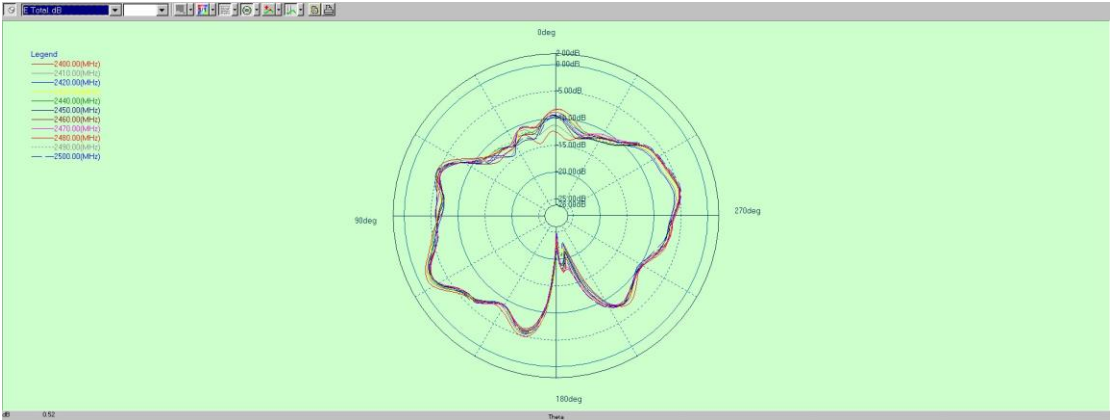


SWR

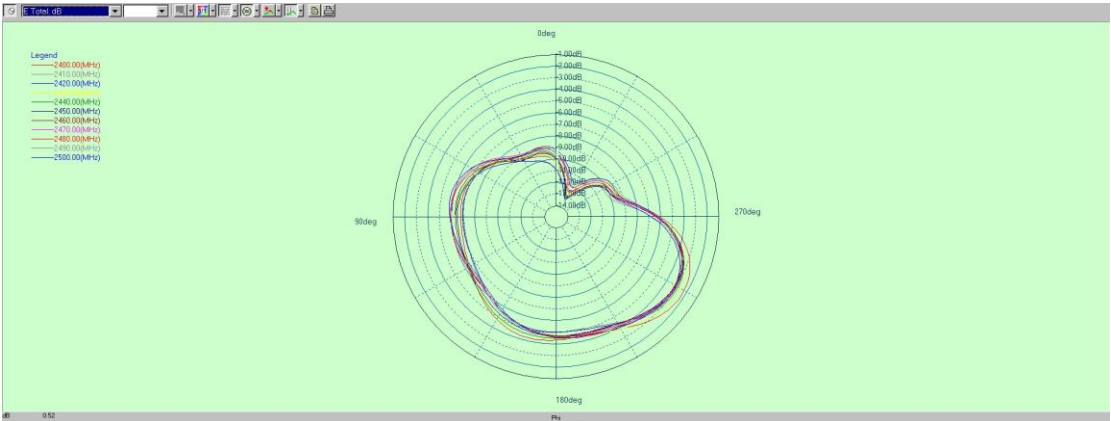
Radiation Pattern



$\Phi=0$



$\Phi=90$



$\Theta=90$